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ABSTRACT

With the administration of the 2002 Delaware Student Testing Program (DSTP), a questionnaire was given to students in grades 3, 5, 8, and 10 about Opportunity to Learn, Reading, Writing, and Mathematics, and to all students in grades 4, 6, 8, and 11 about Opportunity to Learn, Science, and Social Studies. Students' responses to the questions were analyzed by grade, gender, race, and proficiency level of a given test. This report contains information from student responses at grades 4 and 6 about Opportunity to Learn, Science, and Social Studies. Student responses were analyzed by grade, gender, race, and proficiency level of a given test. Responses are reported in conjunction with those from grades 3, 5, 8, and 10. Results show that more students in lower grades talked about what they had learned in school with someone at home every day or almost every day than their peers in higher grades. Data also suggest that more high-achieving students across the grades discuss their studies at home frequently. The majority of the students in all grades reported that their parents encouraged them to do their best in school. Students reported spending time on homework, with the amount increasing with age, and high-achieving students were more likely to spend more time on homework. About half the students in grades 3, 5, and 8 reported watching television 2 or more hours each day, but the percentage declined to 36% at grade 11. About 80% of students across grades reported having a computer at home, and more than 90% had access to a computer at school. Findings provide other information about students and their school and home experiences. (SLD)

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Delaware Student Testing Program

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Supplement Report of Student Questionnaire Survey

2002 DSTP Administration for Grades 4 and 6 Science and Social Studies

TM035146

Prepared by the Assessment and Analysis Group
Assessment and Accountability Branch
Delaware Department of Education

February 2003

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This document is a Supplement Report of the Student Questionnaire Survey on the 2002 DSTP Administration for Grades 4 and 6 Science and Social Studies. The report was prepared by Liru Zhang, Assessment and Analysis Group. If you have any questions regarding this report and/or would like to have the survey results for your school district, please contact Wendy Roberts, Director of Assessment and Analysis at (302) 739-6700 (wroberts@doe.k12.de.us).

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Supplement Report of the 2002 Student Questionnaire Survey for Grades 4 and 6 in Science and Social Studies

Introduction

Along with the fall administration of the 2002 Delaware Student Testing Program (DSTP), a questionnaire survey was given to students in grades 4 and 6 about Opportunity to Learn, Science and Social Studies. Students' responses to the survey questions were analyzed by grade, gender, race, and proficiency level of a given test. Questions on the Opportunity to Learn were analyzed twice: by proficiency level in science included in the corresponding tables; by proficiency level in social studies included in the corresponding appendices. Due to administration reason, a couple of questions were missed.

Cross grades comparisons are reported if there is a meaningful pattern of students' responses. To have a comprehensive understanding of the 2002 survey results, the findings for grades 4 and 6 science and social studies are reported in conjunction with the findings from the primary report for science and social studies (Report of Student Questionnaire Survey – 2002 DSTP Administration for Grades 3, 5, 8, 10, and 11 in Reading, Writing, Mathematics, Science, and Social Studies, January, 2003). Caution is advised in the use of the survey results for making decisions because of multiple factors, such as curriculum design, instruction style, and self-reported data.

Results of the Student Questionnaire Survey

Survey Results for Grade 4 (Table 1 and Appendix 1)

Opportunity to Learn

- Sixty-two percent of the students in grade 4 talked about what they had learned in school at home every day, 15% did once a week, and 4% did once or twice a month (Table 1). However, 11% of the students reported that they never discussed their studies at home. The survey results also show that more girls (67%) than boys (58%) and more high-achieving than low-achieving students in science (71%, 65%, 64%, 59%, and 46% from Distinguished to Well Below the Standard, respectively) and social studies (73%, 72%, 65%, 63% and 57% from Distinguished to Well Below the Standard, respectively) talked about their studies at home every day.

- Eighty-seven percent of the students in grade 4 reported that their parents or guardian encouraged them to do their best in school, 4% sometimes, and 1% reported that they did not get encouragement from their families.

- Nearly two-thirds of the students (63%) spent a half hour on their homework each day, 26% one hour or more, 2% of the students reported that they did not receive homework or they did not do their homework.

- Forty-six percent of the students in grade 4 spent two hours or more watching television each school day, 22% spent about one hour, and 17% spent a half hour watching television. The data show that more boys (50%) than girls (42%) spent two hours or more watching television each school day. Variations were observed among racial/ethnic groups (55% for African American, 41% for Hispanic, 43% for Caucasian, and 29% for Asian students).

- Seventy-three percent of the students had access to a computer at home (81% of Caucasian, 75% of Asian, 65% of African American, and 49% of Hispanic students). According to the data, more high-achieving than low-achieving students had access to a computer at home (88%, 81%, 73%, 62%, and 64% from Distinguished to Well Below the Standard in science; 89%, 85%, 79%, 70%, and 63% from Distinguished to Well Below the Standard in social studies).

- Only 17% of the students who had the access to a computer at home used the computer for learning almost every day, among them more girls (21%) than boys (14%); 25% once or twice a week; 16% once or twice a month; but 18% of them reported that they never used the computer for learning. The data show that more low-achieving than high-achieving students used the computer at home for learning almost every day (26%, 23%, 19%, 14%, and 11% from Well Below the Standard to Distinguished in science, respectively; 24%, 20%, 16%, 11%, and 11% in social studies); while more high-achieving than low-achieving students reported that they used the computer at home a couple of times a week for learning (32%, 29%, 25%, 18%, 17% from Distinguished to Well Below the Standard in science, respectively; 37%, 33%, 28%, 22%, 18% for Distinguished to Well Below the Standard in social studies).

- Eighty-six percent of the students in grade 4 reported that they had access to a computer at school. Among them, 16% used the school computer every day for learning, 43% once or twice a week, 16% once or twice a month, and 14% of them never used the school computer for learning. More low-achieving than high-achieving students used the school computer for learning almost every day (26%, 25%, 17%, 12%, and 12% from Well Below the Standard to Distinguished in science, respectively; 24%, 19%, 14%, 12%, and 11% from Well Below the Standard to Distinguished in social studies, respectively). Variations are observed among racial/ethnic groups using school computers for learning every day (19% for African American, 15% for Hispanic, 14% for Caucasian, and 11% for Asian students).

- Eighty-four percent of the students reported that to do well in school is very important, 3% somewhat important, and about 4% of the students thought doing well in school is not important or were not sure if it is important. More girls (87%) than boys (81%) in grade 4 reported that it is very important to do well in school.

Science

- Only 9% of the students in grade 4 had science homework almost every day, 23% once or twice a week, 15% once or twice a month, but 44% reported never having science homework.

- Twenty-eight percent of the students actually used scientific equipment in their science class almost every day, 29% used once or twice a week, 12% once or twice a month, and 23% reported never or hardly ever using such equipment. More high-achieving than low-achieving students usually used science equipment a couple of times a week (34%, 32%, 29%, 21%, and 24% from Distinguished to Well Below the Standard in science, respectively); whereas more low-achieving than high-achieving students reported rarely using such equipment in their science class (23%, 28%, 25%, 21%, and 16% from Well Below the Standard to Distinguished, respectively).

- Based on students' responses, 29% of them shared their ideas and reports with other students almost every day, 27% once or twice a week, 14% once or twice a month, and 23% never or hardly ever to do this in their science class.

- Over one-quarter of the fourth graders wrote explanations in their journals, lab reports, or on tests all the time, 26% most the time, 29% sometimes, and 10% never did. The data show that more high-achieving than low-achieving students wrote explanations most of the time (33%, 29%, 27%, 21%, and 22% from Distinguished to Well Below the Standard, respectively).

- Two-thirds of the students believed that the knowledge they had learned in science class helps them understand the world better (among them, 68% for females; 66% for males), 13% somewhat, 9% not sure, and 3% did not feel that science class helped them understand the world better.

- Seventy percent of the students felt being prepared by their science class to do well on the DSTP science test, 10% somewhat prepared, 8% not sure, and 3% felt not being prepared. More girls (71%) than boys (69%) felt being prepared. More high-achieving than low-achieving students felt being prepared or somewhat prepared to do well on the science test (87%, 85%, 81%, 72%, and 68% from Distinguished to Well Below the Standard, respectively); whereas more low-achieving than high-achieving students felt not being prepared by their science class (8%, 6%, 3%, 2%, 2% from Well Below the Standard to Distinguished, respectively).

- Eighty-four percent of the students tried very hard to do well on the DSTP science test, 4% somewhat hard, and 2% not very hard. The data also show that more girls (87%) than boys (81%) reported trying very hard and more high-achieving than low-achieving students in science tried very hard (90%, 89%, 87%, 77%, 61% from Distinguished to Well Below the Standard, respectively); whereas more low-achieving than high-achieving students did not try very hard on the science test (13%, 10%, 7%, 6%, and 6% from Well Below the Standard to Distinguished, respectively).

Social Studies

- Twenty percent of the students in grade 4 reported that their social studies teacher asked them to use maps for locating places most of the time (among them, more high-achieving than low-achieving students: 41%, 38%, 33%, 30%, and 24% from Distinguished to Well Below the Standard in social studies, respectively), 31% most the time, 31% sometimes, but 9% reported that their teacher never or hardly ever asked them to do this. About 44% of the students were asked to use maps to explain their answers every time or most the time.

- About 56% of the students reported that their social studies teacher asked them every time or most of the time to collect information from graphs or charts to explain or justify their answers, 27% sometimes, and 7% reported that their teachers never or hardly ever asked them to do this.

- More than 45% of the students reported that their social studies teachers asked them to apply the concepts and knowledge they had learned to solve real life problems every time or most the time, 32% sometimes, and 12% reported never or hardly ever did this.

- Thirty-one percent of the students were asked every time or most of the time to use primary sources, such as documents, diaries, and artifacts, 32% sometimes, and 27% reported never or hardly ever did this.

- Based on students' responses, there are great variations for social studies teachers in teaching the four sub-content areas: 39% for geography, 29% for civics and government, 27% for economics, and 46% for history, every class or most of the classes. The data also show that some social studies teachers rarely or hardly ever taught these four content areas in their classes, from 22% for geography, 30% for civics and government, 32% for economics, to 17% for history.

Survey Results for Grade 6 (Table 2 and Appendix 2)

Opportunity to Learn

- The survey results show that 57% of the students in grade 6 talked about what they had learned in school at home every day, 20% once a week, 6% once a month, but 11% of the students never discussed their study with their families. More girls (62%) than boys (53%) talked about their studies with their families every day. Among racial/ethnic groups, more Caucasian students (60%) and African American students (55%) than Asian (53%) and Hispanic students (52%) talked about their studies at home every day. Eighty-nine percent of the students reported that their parents or guardian encouraged them to do their best in school -- among them more high-achieving than low-achieving students (95%, 94%, 93%, 89%, and 84% from Distinguished to Well Below the Standard in science, respectively).

- According to the survey, 38% of the sixth graders spent one hour or more on their homework, 55% about a half hour, only 3% reported that they did not do their homework or they usually did not have homework. More girls (41%) than boys (35%) and more high-achieving than low-achieving students (47%, 45%, 40%, 33%, and 29% from Distinguished to Well Below the Standard in science, respectively; 50%, 47%, 41%, 35%, and 29% from Distinguished to Well Below the Standard in social studies, respectively) spent one hour or more on their homework.

- Over one half of the students (51%) watched television two hours or more each school day, 27% about one hour, and 12% about a half hour. The data suggest more boys (53%) than girls (48%) and more low-achieving than high-achieving students (55%, 61%, 53%, 40%, and 34% from Well Below the Standard to Distinguished in science, respectively; 59%, 58%, 51%, 39%, and 28% from Well Below the Standard to Distinguished in social studies, respectively) spent two hours or more watching television each school day. Variations are observed among racial/ethnic groups: 63% for African American, 51% for Hispanic, 44% for Caucasian, and 37% for Asian students.

- Seventy-nine percent of the students in grade 6 had access to a computer at home. Caucasian (86%) and Asian students (85%) had a higher percentage than African American (71%) and Hispanic students (56%). More high-achieving than low-achieving students had a computer at home that they could use (93%, 92%, 83%, 70%, and 64% from Distinguished to Well Below the Standard in science; 95%, 95%, 85%, 74%, and 66% for Distinguished to Well Below the Standard in social studies).

- The data show that 21% of the students who had access to a computer at home used the computer for learning almost every day, 28% once or twice a week, 18% once or twice a month, while 17% reported never using the home computer for learning. More high-achieving than low-achieving students in science used the home computer for learning once or twice a week (38%, 32%, 29%, 22%, and 19% from Distinguished to Well Below the Standard, respectively) and the similar pattern is observed in social studies (40%, 35%, 28%, 26%, and 20% from Distinguished to Well Below the Standard, respectively).

- Ninety percent of the students had access to computers in school. Among them, 40% used school computers for learning at least once or twice a week, 25% once or twice a month, but 27% of them never used school computers for learning. More African American (43%) and Hispanic students (39%) than Caucasian (38%) and Asian students (35%) used computers for learning in school once or twice a week.

- Eighty-three percent of the students in grade 6 reported that it is very important to do well in school, 8% somewhat important, 3% not sure, and less than 1% of the students thought that doing well in school is not important. More high-achieving than low-achieving students believed that it is important for them to do well in school (89%, 88%, 86%, 84%, and 76% from Distinguished to Well Below the Standard in science,

respectively; 90%, 90%, 86%, 85%, and 77% from Distinguished to Well Below the Standard in social studies, respectively).

Science

- Twenty-three percent of the students had science homework almost every day, 37% once or twice a week, 10% once or twice a month, but 25% reported never having science homework. More low-achieving than high-achieving students reported never having science homework (29%, 30%, 26%, 21%, and 16% for Well below the Standard to Distinguished in science, respectively).

- About 30% of the students actually used scientific equipment in their science class almost every day, 33% used once or twice a week, 14% once or twice a month, and 17% reported never or hardly ever using such equipment. More high-achieving than low-achieving students usually used science equipment a couple of times a week (45%, 40%, 35%, 31%, and 23% from Distinguished to Well Below the Standard, respectively); whereas more low-achieving than high-achieving students reported rarely using such equipment in their science class (27%, 23%, 17%, 10%, and 9% from Well Below the Standard to Distinguished, respectively).

- Based on students' responses, 29% of the sixth graders shared their ideas and reports with other students almost every day in their science class; 40% of them were asked to write explanations in their journals or notebooks all the time.

- One-half of the students in grade 6 reported that the knowledge they had learned in science class helps them understand the world better (49% for girls; 51% for boys), 33% somewhat, 8% not sure, and 4% did not think that science class helped them understand the world better (among them, more low-achieving than high-achieving students: 7%, 5%, 4%, 3%, and 3% from Well Below the Standard to Distinguished in science, respectively).

- Fifty-three percent of the students felt being prepared by their science class to do well on the DSTP science test, 27% somewhat prepared, 8% not sure, and 7% felt not being prepared. More boys (54%) than girls (52%) felt being prepared. More high-achieving than low-achieving students felt being prepared or somewhat prepared to do well on the science test (91%, 88%, 83%, 77%, and 71% from Distinguished to Well Below the Standard, respectively); whereas more low-achieving than high-achieving students were not sure or felt not being prepared by their science class (9%, 9%, 6%, 5%, 4% from Well Below the Standard to Distinguished, respectively).

- Over 80% of the students (82%) tried very hard to do well on the DSTP science test, 10% somewhat hard, and 2% not very hard. The data also show that more girls (86%) than boys (78%) reported trying very hard and more high-achieving than low-achieving students in science tried very hard (91%, 87%, 85%, 81%, and 72% from Distinguished to Well Below the Standard, respectively).

- One-half of the students in grade 6 reported that they were asked to use maps for more than just locating places, such as collect information from maps to support their answers and collect information from graphs or charts to explain or justify their answers every time or most of the time in their social studies class. About 11% of the students reported that their teachers never or hardly ever asked them to do this.

- Fifty-three percent of the students reported that their social studies teachers asked them to apply the concepts and knowledge they had learned to solve real life problems every time or most the time, 30% sometimes, and 12% reported they never or hardly ever did this.

- Forty percent of the students in grade 6 were asked to use primary sources every time or most of the time, such as documents, diaries, and artifacts, 33% sometimes, and 12% reported they never or hardly ever did this.

- Based on students' responses, there are great variations for social studies teachers in teaching the four sub-content areas every class or most of the classes: 40% for geography, 34% for civics and government, and 34% for economics. The data also show that some social studies teachers rarely or hardly ever taught these content areas, varying from sub-content area to sub-content area: 21% for geography, 23% for civics and government, and 27% for economics.

Summary of Findings

The results of the Student Questionnaire Survey provide useful information on opportunity to learn; student attitude toward school, achievement, and testing; classroom activities; and instruction style. The results of the survey also provide additional validity evidence to the connections between teaching and learning (e.g., student performance on the statewide assessment program). Based on the analyses of students' responses, the findings from the survey for grades 4 and 6 in science and social studies are summarized in conjunction with the findings from the survey for grades 3, 5, 8, 10, and 11 about opportunity to learn and for grades 8 and 11 for science and social studies. To locate the primary report, please log-on the Department of Education's web page at *www.doe.state.de.us*.

1. The survey results show that more students in lower grades talked about what they had learned in school with someone at home every day or almost every day than their peers in higher grades (62%, 62%, 54%, 57%, 38%, 33%, and 29% for grades 3, 4, 5, 6, 8, 10, and 11) and among them, more girls than boys (for example: 66% vs. 57% in grade 3; 40% vs. 37% in grade 8; 30% vs. 27% in grade 11). The data also suggest that more high-achieving students than low-achieving students across grades discussed their studies at home frequently (for example: 63%, 58%, 53%, 49%, and 48% from Distinguished to Well Below the Standard in reading for grade 5; 39%, 35%, 35%, 33%, and 32% from

Distinguished to Well Below the Standard in math for grade 10); while more low-achieving than high-achieving students reported that they never or hardly ever discussed their studies at home (for example: 15%, 15%, 12%, 9%, and 6% from Well Below the Standard to Distinguished in reading for grade 3).

2. The majority of the students reported that their parents or guardian encouraged them to do their best in school (87% for grades 3, 4, 5, and 8; 89% for grade 6; 84% for grade 10, and 79% for grade 11). Only 1% to 2% of the students across grades did not receive such encouragement from their parents or guardian.

3. According to the survey, more than one-half of the students in grades 3 (66%), 4 (63%), 5 (53%), and 6 (55%) spent a half hour each day on their homework; while over 40% of the students in grades 8 and 10 spent one hour or more (45% for grade 8; 40% for grade 10) or a half hour (43% for grade 8; 41% for grade 10) on their homework. The data show that more girls than boys in grades 4 (41% vs. 35%), 5 (41% vs. 38%), 8 (50% vs. 40%), 10 (47% vs. 34%), and 11 (42% vs. 28%) spent one hour or more on their homework each day, except grades 3 (26% for girls and 28% for boys) and 6 (26% for both). Further, more high-achieving than low-achieving students in grades 8, 10, and 11 spent more time on their homework (for example: 58%, 52%, 47%, 43%, and 31% from Distinguished to Well Below the Standard in reading, respectively, for grade 8), while more low-achieving than high-achieving students reported that they did not have or did not do their homework (for example: 28%, 19%, 16%, 14%, and 9% from Well Below the Standard to Distinguished in science, respectively, for grade 11).

4. On the average, about one-half of the students in grades 3 (47%), 4 (46%), 5 (51%), 6 (51%), and 8 (54%) spent two hours or more in watching television each school day. The percentage dropped to 43% for grade 10 and 36% for grade 11. The data also show that across grades more boys than girls and more low-achieving than high-achieving students spent more time watching television each school day (for example: 57%, 58%, 52%, 42%, and 35% from Well Below the Standard to Distinguished in math, respectively for grade 5; 44%, 42%, 33%, 24%, and 22% from Well Below the Standard to Distinguished in science, respectively, for grade 11).

5. About 80% of the students across grades had access to a computer at home, among them more Asian (75%-96%) and Caucasian students (81%-89%) than African American (65%-71%) and Hispanic students (44%-71%). The data show that more high-achieving than low achieving students had a computer at home that they could use (for example: 89%, 85%, 77%, 68%, and 67% from Distinguished to Well Below the Standard in reading, respectively, for grade 3; 95%, 91%, 89%, 81%, and 69% from Distinguished to Well Below the Standard in math, respectively, for grade 8).

6. On the average, about 20% of the students who had access to a computer at home used the computer for learning almost every day and nearly 30% used it once or twice a week. More girls than boys in grades 3 (31% vs. 23%), 4 (21% vs. 14%), 5 (23% vs. 19%), and 6 (20% vs. 15%) used the home computer for learning almost every day, but more boys than girls in grades 10 (25% vs. 24%) and 11 (23% vs. 21%) used the computer more

frequently for learning. The data suggest that in grades 3 and 5 more low-achieving than high-achieving students used the computer for learning almost every day at home (for example: 31%, 30%, 27%, 21%, and 21% from Well Below the Standard to Distinguished in math, respectively, for grade 3), while in grades 10 and 11 more high-achieving than low-achieving students used the computer for learning frequently (for example: 32%, 32%, 27%, 24%, and 20% from Distinguished to Well Below the Standard in math, respectively, for grade 10).

7. About 90% of the students reported that they had access to a computer in school. Among them, more boys than girls (for example: 18% vs. 14% in grade 8; 22% vs. 17% in grade 11) and more African American and Hispanic students (for example: 21% and 16%, respectively, in grade 3; 23% and 21%, respectively, in grade 10) than Asian and Caucasian students (10% and 11%, respectively, in grade 3; 17% and 16%, respectively in grade 10) used the computer for learning almost every day.

8. More students in lower grades than their peers in higher grades believed that it is very important to them to do well in school (88%, 84%, 85%, 83%, 77%, 72%, and 64% from grade 3 to grade 11, respectively); among them more girls than boys (for example: 87% vs. 81% in grade 4; 87% vs. 79% in grade 6; 80% vs. 73% in grade 8; 71% vs. 57% in grade 11) and more high-achieving than low-achieving students (for example: 85%, 82%, 78%, 75%, and 70% from Distinguished to Well Below the Standard in reading, respectively, for grade 8).

9. About one-quarter of the students in grades 6 (23%), 8 (21%), and 11 (26%) had science homework almost every day; 32% of the fourth graders had science homework every day or a couple of times a week. Over one-half of the fourth (57%) and sixth graders (63%), but less than one-third of the eighth graders and one-half of the eleventh graders actually used scientific equipment in their classes at least once or twice a week. The data indicate that more high-achieving than low-achieving students used scientific equipment more frequently. Over one-half of the students in grades 4 (52%) and 6 (68%), but about one-half of the students in grades 8 and 11 reported that their science teachers asked them to write explanations most of the time; among them more high-achieving than low-achieving students (for example: 40%, 37%, 29%, 23%, and 18% from Distinguished to Well Below the Standard in science, respectively, for grade 11).

10. More students in grades 4 (67%) and 6 (50%) than students in grades 8 (33%) and 11 (28%) believed that the concepts and knowledge they had learned in science class helped them understand the world better; among them, more girls (68%) than boys (66%) in grade 4; but more boys than girls in grades 6 (51% vs. 49%), 8 (36% vs. 30%), and 11 (32% vs. 23%); and more high-achieving than low-achieving students. Similarly, the survey results show that more students in grades 4 (70%) and 6 (53%) than students in grades 8 (28%) and 11 (22%) felt that their science classes had prepared them to do well on the DSTP science test; among them, more girls than boys for grade 4 (71% vs. 69%), but more boys than girls (54% vs. 52% for grade 6; 31% vs. 24% for grade 8; 27% vs. 18% for grade 11) and more high-achieving than low-achieving students. Moreover, over 80% of the students in grades 4 (84%) and 6 (82%), but 59% in grade 8 and 28% in grade

11 reported that they had tried very hard to do well on the science test and among them more girls (87%, 86%, 64%, and 29% for grades 4 to 11, respectively) than boys (81%, 78%, 55%, and 26% for grades 4 to 11, respectively).

11. About one-third to nearly one-half of the students in grades 4, 6, 8, and 11 reported that their teachers had asked them to do the following activities in their social studies class every time or most of the time: use maps for locating places for grade 4 (50%); for more than just locating places (50% for grade 6; 33% for grade 8; 27% for grade 11); use maps to explain their answers for grade 4 (44%); collect information to justify their answers (56%, 50%, 34%, and 32% for grades 4, 6, 8, and 11, respectively), apply the concepts and knowledge they learned in their social studies class to solve real life problems (45%, 53%, 42%, and 37% for grades 4, 6, 8, and 11, respectively); use primary sources (31%, 41%, 36%, and 34% for grades 4, 6, 8, and 11, respectively); and explain why there are often different interpretations of the same event (48%, 45%, and 47% for grades 6, 8, and 11).

12. The survey data show that 30-40% of the social studies teachers in grades 4 and 6 taught geography (39% for grade 4; 40% for grade 6), civics and government (29% for grade 4; 34% for grade 6), economics (27% for grade 4; 34% for grade 6), and history (35% for grade 4; no data is available for grade 6) in every class or most of the classes. In grades 8 and 11, nearly 70% of the social studies teachers taught history every class or most of the classes, about 50% of the teachers taught civics and government, but only one-third of the teachers taught geography (30% for grade 8; 23% for grade 11) and economics (38% for grade 8; 42% for grade 11) every class or most of the classes. The survey results suggest the connections between the instructional time and student performance on the DSTP social studies test. More high-achieving students than low-achieving students reported that their teachers taught history every class (61%, 58%, 53%, 46%, and 33% from Distinguished to Well Below the Standard, respectively, for grade 8; 72%, 64%, 58%, 48%, and 36% for grade 11); whereas more low-achieving students than high-achieving students reported that their teachers had rarely or hardly ever taught history.

13. One-third of the eighth graders and 22% of the eleventh graders felt being prepared to do well on the DSTP social studies test, among them more boys than girls (34% vs. 31% for grade 8; 26% vs. 19% for grade 11) and more high-achieving than low-achieving students. Fifty-eight percent of the students in grade 8 and 27% in grade 11 tried very hard to well on the DSTP social studies test, among them more girls than boys (63% vs. 53% for grade 8; 28% vs. 26% for grade 11) and more high-achieving than low-achieving students.

Table 1. Results of Student Survey for Grade 4

Survey Questions	Total	Gender		Race					Science & Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
I. Opportunity to Learn													
1. How often do you talk about what you have learned in school with someone at home?													
a. Almost every day	62.3	67.0	58.0	55.6	61.1	57.5	54.6	64.5	46.4	58.5	64.0	65.1	70.8
b. Once a week	14.6	13.4	15.8	5.6	14.0	21.1	14.0	14.8	18.2	12.2	15.1	16.1	14.1
c. Once a month	3.6	2.9	4.2	11.1	3.6	2.4	3.5	3.7	5.5	5.0	3.3	3.7	4.8
d. Never	11.0	8.8	13.2	22.2	12.8	4.9	8.5	10.6	18.2	14.8	12.4	9.7	5.4
No Response	8.4	8.0	8.8	5.6	8.6	14.2	19.4	6.4	11.6	9.5	5.3	5.4	4.9
2. Do your parents (or your guardian) encourage you to do your best in school?													
a. Yes	87.0	88.7	85.5	94.4	87.4	82.6	76.0	88.6	79.0	84.7	90.1	90.0	91.1
b. Somewhat	3.5	2.9	4.0	0.0	2.9	3.6	2.0	4.1	6.6	4.0	3.2	4.0	3.9
c. No	0.9	0.7	1.1	0.0	1.1	0.0	1.5	0.8	3.9	1.8	1.1	0.4	0.2
No Response	8.6	7.7	9.4	5.6	8.7	13.8	20.5	6.5	10.5	9.5	5.5	5.6	4.8
3. How much time do you spend on your homework each day?													
a. One hour or more	26.1	26.3	26.0	16.7	23.5	30.8	22.6	28.1	24.3	28.0	26.3	27.2	29.2
b. A half hour	62.9	64.4	61.5	66.7	64.4	53.4	56.0	63.5	43.1	57.1	66.1	66.1	65.2
c. I don't have homework	1.3	0.7	1.7	11.1	2.1	0.8	1.1	0.8	13.3	3.7	1.0	0.4	0.1
d. I don't do my homework	0.7	0.4	0.9	0.0	0.8	0.0	0.7	0.6	6.1	1.5	0.6	0.3	0.1
No Response	9.0	8.2	9.8	5.6	9.3	15.0	19.7	7.0	13.3	9.6	6.0	6.0	5.4
4. How much television do you watch each weekday?													
a. Two hours or more	46.3	41.9	50.4	50.0	54.5	29.1	40.8	43.0	39.8	48.7	51.5	43.6	35.2

Table 1. Results of Student Survey for Grade 4

Survey Questions	Total	Gender		Race					Science & Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
b. About one hour	22.4	24.4	20.6	22.2	17.3	27.9	17.6	25.9	16.6	15.9	20.5	29.4	31.9
c. About a half hour	16.9	19.7	14.3	22.2	13.6	20.2	17.0	18.7	20.4	17.8	16.8	17.0	19.7
d. None	5.8	6.2	5.4	0.0	5.5	8.9	5.1	5.9	11.0	7.8	5.7	4.6	7.5
No Response	8.6	7.8	9.4	5.6	9.0	13.8	19.5	6.6	12.2	9.8	5.5	5.4	5.7
5. Do you have a computer at home that you can use?													
a. Yes	72.8	74.3	71.4	88.9	64.9	75.3	48.5	80.9	64.1	62.1	72.8	81.2	88.3
b. No	17.8	17.1	18.4	5.6	25.2	10.1	31.1	11.7	25.4	27.1	20.7	12.8	5.9
No Response	9.4	8.6	10.2	5.6	9.8	14.6	20.5	7.4	10.5	10.8	6.5	6.0	5.8
If you answer "No" to question 5, you may skip question 6. If you answer "Yes" to question 5, please answer the next question:													
6. How often do you use the computer at home for learning?													
a. Almost every day	17.2	20.9	13.8	11.1	19.4	20.2	15.1	16.1	26.0	23.0	19.1	13.9	11.2
b. Once or twice a week	24.6	27.9	21.6	27.8	21.2	29.1	17.8	27.5	16.6	17.5	24.5	28.8	31.8
c. Once or twice a month	16.1	14.8	17.2	38.9	11.5	17.8	7.8	19.9	11.6	9.4	13.5	22.3	30.0
d. Never	17.5	13.0	21.6	11.1	17.3	8.5	12.5	18.8	17.7	20.3	18.6	16.8	15.5
No Response	24.6	23.3	25.7	11.1	30.6	24.3	46.8	17.7	28.2	29.9	24.3	18.2	11.3
7. Does your school have computers that you can use?													
a. Yes	86.2	87.9	84.8	94.4	85.5	83.0	76.9	88.2	79.6	85.0	88.7	89.9	91.1
b. No	3.5	3.2	3.9	0.0	3.3	2.4	2.2	3.9	7.2	4.0	3.7	3.4	3.0
No Response	10.2	9.0	11.4	5.6	11.2	14.6	21.0	7.9	13.3	11.0	7.5	6.7	5.9

Table 1. Results of Student Survey for Grade 4

Survey Questions	Total	Gender		Race					Science & Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
If you answer "No" to question 7, you may skip question 8. If you answer "Yes" to question 7, please answer the next question:													
8. How often do you use the computer in school for learning?													
a. Almost every day	15.6	15.2	16.0	16.7	18.5	10.9	15.3	14.1	26.0	25.2	16.8	11.9	11.6
b. Once or twice a week	42.9	45.9	40.1	55.6	42.0	39.3	39.0	44.1	32.0	36.3	43.6	49.0	43.5
c. Once or twice a month	16.0	15.8	16.2	22.2	13.0	21.1	11.8	18.2	11.6	10.0	15.4	18.8	25.5
d. Never	14.3	12.6	15.8	0.0	15.2	12.6	12.1	14.1	19.3	15.9	15.6	12.9	11.9
No Response	11.2	10.6	11.8	5.6	11.2	16.2	21.7	9.5	11.0	12.6	8.6	7.4	7.6
9. How important is it to you to do well in school?													
a. Very important	84.0	87.4	80.8	88.9	84.6	81.8	72.7	85.4	61.3	82.0	86.9	87.6	89.4
b. Somewhat important	3.2	1.9	4.5	0.0	2.5	2.0	2.3	3.9	7.7	2.7	3.0	4.0	3.6
c. Not sure	3.3	2.1	4.4	5.6	2.8	2.4	4.4	3.5	12.7	3.9	3.6	2.8	1.7
d. Not important	0.7	0.4	1.0	0.0	0.8	0.0	0.9	0.6	7.7	1.8	0.6	0.2	0.1
No Response	8.7	8.2	9.2	5.6	9.3	13.8	19.7	6.6	10.5	9.6	5.8	5.5	5.3
II. Science													
10. How often do you have science homework?													
a. Almost every day	8.6	7.8	9.3	16.7	10.3	10.1	11.2	7.1	20.4	13.2	8.8	6.7	6.6
b. Once or twice a week	22.8	24.0	21.7	27.8	23.6	25.1	22.7	22.2	18.8	25.8	23.5	22.5	24.3
c. Once or twice a month	15.2	14.5	15.8	11.1	12.8	16.2	13.1	16.9	12.2	10.0	14.6	19.6	19.4

Table 1. Results of Student Survey for Grade 4

Survey Questions	Total	Gender		Race					Science & Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
d. Never or hardly ever	44.4	45.4	43.5	38.9	44.0	34.8	33.1	46.8	38.7	40.9	47.1	45.4	44.1
No Response	9.0	8.4	9.5	5.6	9.3	13.8	19.9	7.0	9.9	10.0	6.0	5.8	5.6
11. How often do you actually use scientific equipment (e.g., balances, rulers, thermometers, hand lenses, etc.) in your science class?													
a. Almost every day	28.0	28.1	28.0	27.8	27.4	22.3	26.5	28.9	29.8	31.5	28.4	27.9	31.1
b. Once or twice a week	28.5	29.2	27.9	50.0	27.0	30.0	26.4	29.6	23.8	20.5	29.1	31.9	34.2
c. Once or twice a month	12.3	11.4	13.1	0.0	11.4	13.4	9.7	13.1	13.3	11.0	11.9	14.3	14.3
d. Never or hardly ever	22.8	23.6	22.1	16.7	25.5	21.1	18.3	22.0	23.2	28.0	25.1	20.6	15.7
No Response	8.4	7.7	9.0	5.6	8.7	13.4	19.1	6.4	9.9	9.0	5.4	5.3	4.7
12. How often do you share your ideas and reports with students in your class?													
a. Almost every day	28.5	29.2	28.0	27.8	33.0	22.3	26.1	26.5	33.7	35.3	30.1	25.1	28.2
b. Once or twice a week	26.5	28.2	24.9	38.9	23.8	26.7	24.2	28.3	17.7	21.8	26.6	29.3	33.1
c. Once or twice a month	13.8	13.8	13.8	5.6	11.0	19.0	11.2	15.6	13.8	9.4	12.7	19.3	17.2
d. Never or hardly ever	22.5	20.9	24.0	22.2	23.1	17.0	19.0	22.9	23.8	24.1	25.0	20.5	16.7
No Response	8.7	7.9	9.3	5.6	9.0	15.0	19.5	6.6	11.0	9.4	5.7	5.8	4.8
13. In your science class, how often does your teacher ask you to write explanations in your journals or notebooks?													
a. All the time	25.6	24.8	26.3	22.2	30.0	23.1	20.3	23.8	31.5	30.7	27.0	24.9	21.7
b. Most the time	26.3	27.5	25.1	27.8	23.8	26.3	27.2	27.6	21.5	20.5	26.6	28.5	33.0
c. Sometimes	29.0	29.7	28.4	5.6	26.2	27.1	25.0	31.5	23.8	25.8	30.1	31.0	30.7

Table 1. Results of Student Survey for Grade 4

Survey Questions	Total	Gender		Race					Science & Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
d. Never	10.3	9.7	10.9	38.9	10.7	8.9	7.9	10.4	13.3	13.7	10.6	9.4	9.5
No Response	8.8	8.2	9.3	5.6	9.3	14.6	19.5	6.7	9.9	9.2	5.8	6.2	5.1
14. Do you think what you have learned in your science classes helps you to understand the world better?													
a. Yes	66.6	67.6	65.7	55.6	68.0	66.0	64.2	66.2	60.2	68.2	69.5	67.4	66.3
b. Somewhat	12.5	13.2	11.9	22.2	8.9	9.3	5.7	15.8	8.8	5.5	11.7	16.9	19.6
c. Not sure	8.7	8.3	9.0	5.6	9.6	7.3	7.1	8.4	12.2	10.9	9.5	7.3	6.4
d. No	2.6	2.3	2.9	11.1	3.5	1.6	3.2	2.0	8.8	5.0	2.6	1.6	1.9
No Response	9.6	8.6	10.5	5.6	10.0	15.8	19.8	7.6	9.9	10.4	6.8	6.8	5.8
15. Do you feel being your science class has prepared you to do well on the DSTP science test?													
a. Yes	69.6	70.7	68.5	72.2	69.9	63.2	60.4	70.9	60.2	67.3	72.5	71.8	70.8
b. Somewhat	9.9	10.1	9.6	22.2	7.1	11.7	7.4	11.7	7.7	4.7	8.9	13.1	16.4
c. Not sure	8.2	8.1	8.2	0.0	9.4	9.3	9.2	7.3	11.0	12.7	8.9	6.8	5.0
d. No	3.1	2.6	3.7	0.0	4.0	1.2	3.1	2.7	8.3	5.5	3.3	2.4	2.1
No Response	9.3	8.5	10.0	5.6	9.5	14.6	19.9	7.3	12.7	9.8	6.4	5.9	5.7
16. How hard did you try to do well on the DSTP science assessment?													
a. Very hard	84.1	87.4	81.0	77.8	82.8	79.4	73.9	86.5	61.3	77.4	87.3	89.3	90.2
b. Somewhat	4.3	2.6	5.8	11.1	4.2	6.1	3.2	4.3	13.8	5.3	4.2	3.7	3.7
c. Not very hard	2.3	1.6	2.9	5.6	3.1	0.8	3.4	1.7	11.6	7.4	2.1	0.9	0.5
No Response	9.4	8.3	10.3	5.6	9.8	13.8	19.5	7.4	13.3	9.9	6.5	6.1	5.6

Table 1. Results of Student Survey for Grade 4

Survey Questions	Total	Gender		Race					Science & Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
III. Social Studies													
17-21 How often does your teacher ask you to do the following when you have a social studies class?													
17. Use maps to locate places													
a. Every time	19.7	18.9	20.3	22.2	23.9	17.0	20.5	17.1	28.1	24.7	17.1	13.0	11.4
b. Most of the time	30.7	31.3	30.1	33.3	28.0	30.4	24.0	33.3	24.2	29.7	33.3	38.4	41.0
c. Sometimes	31.1	31.4	30.8	22.2	29.1	32.8	27.2	32.8	25.9	29.1	34.7	36.8	35.1
d. Never or hardly ever	9.2	9.8	8.6	16.7	9.2	5.7	7.8	9.5	10.0	9.8	9.5	7.8	6.6
No Response	9.4	8.5	10.2	5.6	9.8	14.2	20.6	7.3	11.7	6.7	5.4	3.9	5.9
18. Use maps to explain your answers (e.g., collect information from maps to support your answer)													
a. Every time	15.8	15.7	15.8	11.1	18.4	15.0	12.8	14.6	21.7	18.1	14.1	13.5	15.1
b. Most of the time	28.4	28.2	28.6	38.9	26.7	27.5	26.6	29.6	26.0	30.1	30.0	29.0	24.0
c. Sometimes	33.8	35.2	32.5	33.3	32.9	32.8	29.9	35.0	27.4	34.2	36.9	37.0	37.3
d. Never or hardly ever	12.1	12.2	12.1	11.1	11.4	9.3	10.2	13.0	12.5	10.3	13.0	16.4	18.8
No Response	9.9	8.7	11.0	5.6	10.5	15.4	20.5	7.8	12.5	7.3	6.0	4.1	4.8
19. Collect information from graphs or charts to explain or justify your answers													
a. Every time	23.3	23.1	23.4	22.2	27.1	19.0	20.1	21.6	25.0	28.0	22.1	20.3	19.6
b. Most of the time	32.4	31.9	32.8	33.3	30.0	30.8	30.0	34.3	28.7	31.9	34.9	37.0	35.1
c. Sometimes	27.2	28.5	26.0	22.2	24.9	30.0	23.8	29.0	25.1	26.2	29.5	30.8	31.0
d. Never or hardly ever	7.2	7.4	7.0	16.7	7.4	5.7	5.5	7.3	9.4	6.2	7.5	7.7	7.7

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Table 1. Results of Student Survey for Grade 4

Survey Questions	Total	Gender		Race					Science & Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
No Response	9.9	9.1	10.7	5.6	10.7	14.6	20.6	7.8	11.8	7.7	5.9	4.3	6.6
20. Use what you have learned in social studies (e.g., economics, history, geography, and civics) to solve real life problems.													
a. Every time	18.0	18.1	18.0	16.7	19.8	16.6	17.0	17.2	24.0	21.2	16.3	15.1	15.5
b. Most of the time	27.4	27.9	26.8	22.2	25.9	26.3	24.6	28.7	23.4	27.6	29.2	31.7	32.1
c. Sometimes	32.4	33.4	31.4	33.3	29.7	33.2	29.2	34.4	26.8	31.3	36.0	36.7	31.7
d. Never	12.0	11.5	12.4	22.2	13.8	9.3	7.9	11.5	13.4	11.5	12.4	12.6	14.0
No Response	10.2	9.0	11.3	5.6	10.8	14.6	21.3	8.1	12.5	8.3	6.1	3.9	6.6
21. Use primary sources, such as documents, diaries, and artifacts													
a. Every time	10.5	11.1	10.0	11.1	12.5	8.5	8.9	9.6	15.9	12.1	9.1	8.9	9.6
b. Most of the time	20.3	20.9	19.8	27.8	19.6	17.0	18.2	21.2	19.7	21.1	21.5	19.4	19.2
c. Sometimes	31.9	33.2	30.7	33.3	30.2	34.0	28.9	33.2	26.8	33.0	33.9	36.7	34.7
d. Never or hardly ever	26.6	25.5	27.5	22.2	26.1	25.1	23.1	27.4	24.2	25.1	29.1	29.7	30.6
No Response	10.7	9.3	12.0	5.6	11.6	15.4	20.9	8.6	13.3	8.7	6.5	5.3	5.9
22-25 How often do you learn about the following content in your social studies class?													
22. Geography													
a. Every class	15.1	14.3	15.9	22.2	17.3	14.6	14.3	13.9	24.0	16.1	13.7	12.5	12.5
b. Most of the classes	24.0	24.8	23.2	27.8	22.8	20.6	23.1	25.0	23.0	25.1	23.6	30.8	35.1
c. Some of the classes	30.6	30.6	30.6	33.3	28.2	34.8	26.9	32.4	24.0	29.3	34.2	36.7	30.6

Table 1. Results of Student Survey for Grade 4

Survey Questions	Total	Gender		Race					Science & Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
d. Rarely or hardly ever	21.7	22.5	21.0	11.1	22.2	16.2	16.6	22.5	18.4	23.5	23.9	16.9	15.9
No Response	8.6	7.8	9.3	5.6	9.6	13.8	19.1	6.2	10.5	6.0	4.6	3.2	5.9
23. Civics and Government													
a. Every class	9.2	9.2	9.2	16.7	11.7	6.5	9.6	7.8	17.3	11.3	6.7	7.7	7.4
b. Most of the classes	19.8	20.9	18.8	16.7	19.2	20.2	21.4	19.8	21.2	19.8	20.6	19.2	21.0
c. Some of the classes	31.8	32.3	31.2	33.3	28.8	36.4	27.2	34.0	24.3	29.1	35.7	40.9	39.1
d. Rarely or hardly ever	30.4	29.7	31.1	27.8	30.4	23.1	22.3	31.9	26.1	33.5	32.1	28.8	26.6
No Response	8.9	7.9	9.7	5.6	9.8	13.8	19.5	6.5	11.0	6.4	4.8	3.4	5.9
24. Economics													
a. Every class	9.0	8.5	9.5	0.0	10.8	7.3	10.4	7.9	15.2	10.9	7.4	6.2	5.5
b. Most of the classes	17.8	17.5	18.1	22.2	16.9	17.0	16.2	18.6	18.0	17.5	17.7	24.2	27.3
c. Some of the classes	30.4	32.0	29.0	27.8	26.8	32.0	28.0	32.9	24.5	28.5	33.7	38.1	37.3
d. Rarely or hardly ever	32.4	32.8	32.0	38.9	34.0	29.6	24.9	32.6	28.8	34.8	35.3	26.3	22.9
No Response	10.4	9.2	11.4	11.1	11.5	14.2	20.6	8.0	13.5	8.3	5.9	5.2	7.0
25. History													
a. Every class	19.7	19.3	20.1	27.8	20.6	16.2	17.9	19.6	24.6	20.9	19.2	18.5	18.1
b. Most of the classes	25.1	25.1	25.1	16.7	23.1	25.1	20.7	27.0	18.5	23.4	27.8	33.8	34.3
c. Some of the classes	28.4	29.7	27.2	33.3	26.8	31.2	27.1	29.5	22.9	28.8	31.1	30.6	29.9
d. Rarely or hardly ever	16.9	17.0	16.8	11.1	18.7	14.2	14.1	16.4	21.7	19.3	16.3	12.8	10.7
No Response	9.8	8.8	10.8	11.1	10.8	13.4	20.2	7.6	12.4	7.5	5.6	4.3	7.0
A.I. - American Indian													
A.A. - African American													
A - Asian													

Table 1. Results of Student Survey for Grade 4

Survey Questions	Total	Gender		Race					Science & Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
Hisp. - Hispanic													
Cau. - Caucasian													
1 - Well Below the Standard													
2 - Below the Standard													
3 - Meets the Standard													
4 - Exceeds the Standard													
5 - Distinguished													

Appendix 1. Results of Student Survey for Grade 4

SS Apendix

Survey Questions	Total	Gender		Race					Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
I. Opportunity to Learn													
1. How often do you talk about what you have learned in school with someone at home?													
a. Almost every day	62.3	67.0	58.0	55.6	61.1	57.5	54.6	64.5	57.1	63.1	65.3	72.4	72.7
b. Once a week	14.6	13.4	15.8	5.6	14.0	21.1	14.0	14.8	15.4	13.1	16.3	14.6	12.9
c. Once a month	3.6	2.9	4.2	11.1	3.6	2.4	3.5	3.7	4.3	3.9	3.4	3.7	4.4
d. Never	11.0	8.8	13.2	22.2	12.8	4.9	8.5	10.6	13.8	14.0	10.4	5.2	4.4
No Response	8.4	8.0	8.8	5.6	8.6	14.2	19.4	6.4	9.3	5.8	4.5	4.1	5.5
2. Do your parents (or your guardian) encourage you to do your best in school?													
a. Yes	87.0	88.7	85.5	94.4	87.4	82.6	76.0	88.6	83.7	89.4	91.1	91.6	93.0
b. Somewhat	3.5	2.9	4.0	0.0	2.9	3.6	2.0	4.1	4.5	3.5	3.5	3.7	1.5
c. No	0.9	0.7	1.1	0.0	1.1	0.0	1.5	0.8	2.2	1.2	0.7	0.2	0.0
No Response	8.6	7.7	9.4	5.6	8.7	13.8	20.5	6.5	9.6	5.9	4.7	4.4	5.5
3. How much time do you spend on your homework each day?													
a. One hour or more	26.1	26.3	26.0	16.7	23.5	30.8	22.6	28.1	26.1	26.4	27.1	29.2	29.5
b. A half hour	62.9	64.4	61.5	66.7	64.4	53.4	56.0	63.5	56.2	65.2	67.0	65.3	64.2
c. I don't have homework	1.3	0.7	1.7	11.1	2.1	0.8	1.1	0.8	5.3	1.1	0.5	0.7	0.4
d. I don't do my homework	0.7	0.4	0.9	0.0	0.8	0.0	0.7	0.6	2.0	0.8	0.4	0.0	0.0
No Response	9.0	8.2	9.8	5.6	9.3	15.0	19.7	7.0	10.5	6.5	5.0	4.8	5.9
4. How much television do you watch each weekday?													
a. Two hours or more	46.3	41.9	50.4	50.0	54.5	29.1	40.8	43.0	50.1	51.7	47.4	35.8	30.6
b. About one hour	22.4	24.4	20.6	22.2	17.3	27.9	17.6	25.9	14.9	18.9	25.4	36.7	33.6

Appendix 1. Results of Student Survey for Grade 4

SS Apendix

Survey Questions	Total	Gender		Race					Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
c. About a half hour	16.9	19.7	14.3	22.2	13.6	20.2	17.0	18.7	17.2	16.5	17.8	18.0	18.8
d. None	5.8	6.2	5.4	0.0	5.5	8.9	5.1	5.9	7.5	6.7	4.7	5.7	11.8
No Response	8.1	7.8	9.4	5.6	9.0	13.8	19.5	6.6	10.3	6.1	4.7	3.9	5.2
5. Do you have a computer at home that you can use?													
a. Yes	72.8	74.3	71.4	88.9	64.9	75.3	48.5	80.9	63.0	70.1	79.0	85.4	88.9
b. No	17.8	17.1	18.4	5.6	25.2	10.1	31.1	11.7	25.9	23.1	15.4	10.0	5.5
No Response	9.4	8.6	10.2	5.6	9.8	14.6	20.5	7.4	11.1	6.8	5.6	4.6	5.5
If you answer "No" to question 5, you may skip question 6. If you answer "Yes" to question 5, please answer the next question:													
6. How often do you use the computer at home for learning?													
a. Almost every day	17.2	20.9	13.8	11.1	19.4	20.2	15.1	16.1	23.8	19.9	16.2	11.4	10.7
b. Once or twice a week	24.6	27.9	21.6	27.8	21.2	29.1	17.8	27.5	17.9	22.1	27.6	33.3	37.3
c. Once or twice a month	16.1	14.8	17.2	38.9	11.5	17.8	7.8	19.9	9.3	11.9	19.5	24.9	27.7
d. Never	17.5	13.0	21.6	11.1	17.3	8.5	12.5	18.8	20.0	19.4	17.3	16.2	12.9
No Response	24.6	23.3	25.7	11.1	30.6	24.3	46.8	17.7	29.1	26.7	19.4	14.2	11.4
7. Does your school have computers that you can use?													
a. Yes	86.2	87.9	84.8	94.4	85.5	83.0	76.9	88.2	84.0	87.6	90.4	92.3	91.5
b. No	3.5	3.2	3.9	0.0	3.3	2.4	2.2	3.9	4.2	4.3	3.3	3.0	1.8
No Response	10.2	9.0	11.4	5.6	11.2	14.6	21.0	7.9	11.8	8.1	6.3	4.6	6.6

Appendix 1. Results of Student Survey for Grade 4

SS Apendix

Survey Questions	Total	Gender		Race					Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
If you answer "No" to question 7, you may skip question 8. If you answer "Yes" to question 7, please answer the next question:													
8. How often do you use the computer in school for learning?													
a. Almost every day	15.6	15.2	16.0	16.7	18.5	10.9	15.3	14.1	23.9	18.5	13.5	12.1	11.1
b. Once or twice a week	42.9	45.9	40.1	55.6	42.0	39.3	39.0	44.1	37.8	42.3	46.5	45.9	49.1
c. Once or twice a month	16.0	15.8	16.2	22.2	13.0	21.1	11.8	18.2	10.1	13.7	18.6	23.7	22.5
d. Never	14.3	12.6	15.8	0.0	15.2	12.6	12.1	14.1	16.6	15.4	14.3	12.6	11.1
No Response	11.2	10.6	11.8	5.6	11.2	16.2	21.7	9.5	11.6	10.1	7.1	5.7	6.3
9. How important is it to you to do well in school?													
a. Very important	84.0	87.4	80.8	88.9	84.6	81.8	72.7	85.4	76.7	85.8	88.9	91.5	90.4
b. Somewhat important	3.2	1.9	4.5	0.0	2.5	2.0	2.3	3.9	4.2	3.1	3.4	3.0	2.6
c. Not sure	3.3	2.1	4.4	5.6	2.8	2.4	4.4	3.5	7.0	3.9	2.6	2.0	1.1
d. Not important	0.7	0.4	1.0	0.0	0.8	0.0	0.9	0.6	2.5	0.7	0.4	0.0	0.4
No Response	8.7	8.2	9.2	5.6	9.3	13.8	19.7	6.6	9.6	6.5	4.8	3.6	5.5
A.I. - American Indian													
A.A. - African American													
A - Asian													
Hisp. - Hispanic													
Cau. - Caucasian													
1 - Well Below the Standard													
2 - Below the Standard													
3 - Meets the Standard													

Appendix 1. Results of Student Survey for Grade 4

SS Apendix

Survey Questions	Total	Gender		Race					Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
4 - Exceeds the Standard													
5 - Distinguished													

Table 2. Results of Student Survey for Grade 6

Survey Questions	Total	Gender		Race					Science & Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
I. Opportunity to Learn													
1. How often do you talk about what you have learned in school with someone at home?													
a. Almost every day	57.3	62.3	52.7	66.7	54.6	52.6	51.6	59.7	55.1	53.2	59.3	64.9	66.6
b. Once a week	20.3	19.1	21.3	16.7	19.3	23.7	21.0	20.6	12.7	21.6	21.3	21.6	21.4
c. Once a month	6.1	5.1	6.9	13.3	6.2	4.3	5.4	6.1	7.4	6.4	6.2	5.8	5.4
d. Never	11.4	9.5	13.1	3.3	14.6	9.1	10.6	9.7	18.6	15.8	11.1	6.5	5.2
No Response	5.0	3.9	6.0	0.0	5.2	10.3	11.4	3.9	6.2	3.2	2.2	1.3	1.4
2. Do your parents (or your guardian) encourage you to do your best in school?													
a. Yes	89.2	90.7	87.8	100.0	88.4	84.1	83.6	90.5	83.9	89.2	92.5	93.8	95.3
b. Somewhat	4.9	4.8	4.9	0.0	5.3	5.6	3.6	4.8	6.8	5.5	4.8	4.5	3.3
c. No	0.9	0.5	1.2	0.0	1.0	0.0	1.3	0.8	3.1	1.9	0.4	0.5	0.0
No Response	5.1	4.0	6.1	0.0	5.3	10.3	11.4	3.9	6.2	3.4	2.3	1.2	1.4
3. How much time do you spend on your homework each day?													
a. One hour or more	37.7	40.7	34.9	46.7	33.7	52.6	34.2	39.7	28.9	33.4	39.5	45.4	47.2
b. A half hour	54.4	53.7	55.0	50.0	57.5	36.2	50.9	53.8	53.6	59.2	56.3	51.7	50.3
c. I don't have homework	1.4	0.9	1.9	0.0	1.7	0.4	1.2	1.4	5.4	2.0	0.9	1.4	0.6
d. I don't do my homework	1.3	0.6	1.8	3.3	1.7	0.4	2.2	0.9	5.6	1.9	0.9	0.1	0.2
No Response	5.3	4.1	6.4	0.0	5.5	10.3	11.6	4.2	6.5	3.5	2.5	1.4	1.6
4. How much television do you watch each weekday?													

Table 2. Results of Student Survey for Grade 6

Survey Questions	Total	Gender		Race					Science & Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
a. Two hours or more	50.6	47.9	53.1	43.3	62.7	36.6	50.9	44.2	55.4	61.1	52.5	39.6	33.8
b. About one hour	26.9	29.0	25.0	30.0	17.6	32.8	22.9	32.6	16.9	19.3	28.7	38.7	37.7
c. About a half hour	12.4	13.5	11.3	10.0	9.6	12.9	11.7	14.0	15.0	12.0	11.8	14.1	18.8
d. None	4.9	5.6	4.3	16.7	4.7	7.3	3.0	5.1	6.2	4.1	4.6	6.4	8.2
No Response	5.2	4.1	6.3	0.0	5.5	10.3	11.4	4.1	6.5	3.5	2.4	1.3	1.4
5. Do you have a computer at home that you can use?													
a. Yes	78.6	79.7	77.6	90.0	70.5	84.5	57.7	85.7	63.9	70.4	83.0	91.8	93.4
b. No	16.2	16.2	16.1	10.0	23.9	5.2	30.9	10.3	29.3	26.0	14.7	6.8	4.9
No Response	5.2	4.1	6.3	0.0	5.6	10.3	11.4	4.0	6.8	3.5	2.3	1.4	1.6
If you answer "No" to question 5, you may skip question 6. If you answer "Yes" to question 5, please answer the next question:													
6. How often do you use the computer at home for learning?													
a. Almost every day	17.6	20.1	15.3	16.7	17.9	20.3	13.5	17.8	21.1	20.0	17.9	15.7	13.2
b. Once or twice a week	29.8	32.3	27.6	40.0	24.9	40.5	25.4	32.8	20.4	24.0	31.3	39.3	42.5
c. Once or twice a month	20.1	18.8	21.4	23.3	17.2	17.2	11.3	23.1	10.7	15.4	21.8	25.7	30.7
d. Never	16.4	13.1	19.5	20.0	18.5	6.5	18.0	15.4	27.4	21.7	15.8	11.9	7.4
No Response	16.0	15.8	16.2	0.0	21.5	15.5	31.9	10.9	20.4	19.0	13.1	7.4	6.2
7. Does your school have computers that you can use?													
a. Yes	89.8	91.4	88.4	90.0	89.3	83.2	82.9	91.4	84.7	90.9	93.0	94.3	94.2

Table 2. Results of Student Survey for Grade 6

Survey Questions	Total	Gender		Race					Science & Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
b. No	4.8	4.4	5.1	10.0	4.9	6.5	5.5	4.5	8.7	5.3	4.5	4.1	4.1
No Response	5.4	4.2	6.5	0.0	5.9	10.3	11.6	4.2	6.7	3.8	2.5	1.5	1.6
If you answer "No" to question 7, you may skip question 8. If you answer "Yes" to question 7, please answer the next question:													
8. How often do you use the computer in school for learning?													
a. Almost every day	12.1	11.5	12.7	6.7	13.2	8.6	13.3	11.5	21.7	14.8	11.0	10.3	10.5
b. Once or twice a week	27.7	28.5	27.1	20.0	29.8	26.7	25.7	26.9	29.6	29.7	28.2	27.2	28.2
c. Once or twice a month	25.3	27.1	23.7	46.7	21.0	27.6	19.4	28.4	12.5	21.4	26.9	33.1	35.5
d. Never	26.8	26.1	27.4	26.7	28.1	21.6	26.8	26.2	26.6	28.4	28.5	24.9	21.0
No Response	8.1	6.8	9.2	0.0	8.0	15.5	14.8	7.0	9.6	5.7	5.5	4.5	4.7
9. How important is it to you to do well in school?													
a. Very important	82.8	87.2	78.8	90.0	84.2	80.6	75.9	82.9	75.7	83.7	85.6	87.8	89.3
b. Somewhat important	8.2	6.6	9.7	6.7	6.6	6.0	7.8	9.3	8.7	7.5	8.8	8.0	7.6
c. Not sure	2.8	1.7	3.8	0.0	2.7	2.2	3.2	2.9	6.3	4.3	2.3	2.0	0.8
d. Not important	0.9	0.3	1.4	0.0	1.0	0.9	1.4	0.8	2.8	1.1	0.8	0.4	0.6
No Response	5.3	4.2	6.3	3.3	5.5	10.3	11.6	4.2	6.5	3.5	2.4	1.8	1.6
II. Science													
10. How often do you have science homework?													

Table 2. Results of Student Survey for Grade 6

Survey Questions	Total	Gender		Race					Science & Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
a. Almost every day	22.6	23.0	22.3	23.3	22.3	24.6	29.1	21.9	27.1	24.5	22.6	22.1	22.7
b. Once or twice a week	37.1	37.4	36.9	33.3	34.0	42.7	31.6	39.5	28.2	33.0	38.9	44.3	48.7
c. Once or twice a month	9.5	9.0	10.0	6.7	9.0	7.3	7.7	10.1	9.3	8.6	9.9	10.9	11.1
d. Never or hardly ever	25.4	26.4	24.4	36.7	29.1	15.1	19.9	24.3	28.6	30.1	26.2	21.3	16.1
No Response	5.3	4.3	6.3	0.0	5.7	10.3	11.7	4.1	6.8	3.8	2.4	1.4	1.4
11. How often do you actually use scientific equipment (e.g., balances, rulers, thermometers, hand lenses, etc.) in your science class?													
a. Almost every day	29.7	30.2	29.2	26.7	30.1	25.0	24.6	30.4	28.5	28.5	31.0	32.9	30.7
b. Once or twice a week	33.3	34.4	32.3	43.3	28.6	39.2	29.9	36.2	22.8	30.5	34.7	40.1	44.5
c. Once or twice a month	14.3	13.5	15.0	10.0	13.5	15.9	13.0	14.9	14.6	13.9	14.8	15.8	13.6
d. Never or hardly ever	17.3	17.7	16.9	20.0	21.8	9.5	20.9	14.5	27.1	23.2	17.1	9.6	9.3
No Response	5.4	4.2	6.5	0.0	5.9	10.3	11.6	4.1	7.1	3.8	2.4	1.5	1.9
12. How often do you share your ideas and reports with students in your class?													
a. Almost every day	29.0	31.9	26.4	33.3	29.9	27.2	27.2	28.8	32.8	26.5	29.2	33.1	36.5
b. Once or twice a week	27.8	28.4	27.2	33.3	26.0	27.6	25.5	29.1	21.4	25.8	29.1	32.0	34.8
c. Once or twice a month	16.4	16.5	16.3	20.0	14.3	21.6	12.0	17.9	11.5	15.5	17.5	18.9	17.9
d. Never or hardly ever	21.3	19.0	23.5	13.3	24.2	12.5	23.5	19.8	26.8	28.6	21.7	14.3	8.9
No Response	5.5	4.2	6.6	0.0	5.6	11.2	11.7	4.4	7.6	3.6	2.5	1.7	1.9
13. In your science class, how often does your teacher ask you to write explanations in your journals or notebooks?													

Table 2. Results of Student Survey for Grade 6

Survey Questions	Total	Gender		Race					Science & Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
a. All the time	39.5	41.5	37.7	40.0	41.9	37.5	35.7	38.6	42.9	40.7	40.7	40.3	35.9
b. Most the time	27.4	27.5	27.4	33.3	25.9	27.6	26.5	28.4	20.6	26.2	28.8	30.6	33.6
c. Sometimes	20.9	20.3	21.5	23.3	19.4	19.4	19.1	22.1	20.0	20.9	21.7	21.5	22.5
d. Never	6.8	6.5	7.0	3.3	7.0	5.2	6.5	6.7	9.4	8.5	6.3	6.2	6.4
No Response	5.4	4.2	6.4	0.0	5.6	10.3	12.2	4.1	7.1	3.8	2.4	1.4	1.6
14. Do you think what you have learned in your science classes helps you to understand the world better?													
a. Yes	50.0	48.6	51.2	56.7	48.4	53.4	52.0	50.4	53.4	52.5	50.9	50.6	48.9
b. Somewhat	32.6	35.3	30.1	36.7	31.5	27.2	25.4	34.4	19.0	28.4	35.2	38.1	42.3
c. Not sure	8.1	8.3	7.9	0.0	9.4	6.5	7.0	7.6	14.1	10.7	7.5	6.6	4.3
d. No	4.1	3.7	4.4	6.7	5.1	2.6	4.1	3.5	6.7	4.9	3.9	3.4	2.7
No Response	5.3	4.1	6.4	0.0	5.6	10.3	11.6	4.1	6.8	3.5	2.4	1.4	1.9
15. Do you feel being your science class has prepared you to do well on the DSTP science test?													
a. Yes	53.0	52.1	53.9	60.0	50.0	47.0	48.4	55.6	57.3	52.8	53.7	56.4	60.2
b. Somewhat	27.0	29.3	24.8	23.3	25.9	28.4	22.8	28.1	13.5	24.6	29.5	31.4	30.7
c. Not sure	8.0	7.9	8.1	0.0	10.0	7.8	10.1	6.7	13.0	10.0	7.9	6.0	3.5
d. No	6.6	6.4	6.7	16.7	8.3	6.5	7.2	5.4	9.1	9.0	6.3	4.5	3.9
No Response	5.4	4.2	6.5	0.0	5.8	10.3	11.4	4.2	7.1	3.6	2.5	1.6	1.6
16. How hard did you try to do well on the DSTP science test?													

Table 2. Results of Student Survey for Grade 6

Survey Questions	Total	Gender		Race					Science & Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
a. Very hard	81.9	86.0	78.0	96.7	80.5	74.1	77.4	83.5	72.0	80.7	85.4	87.2	90.5
b. Somewhat	10.4	8.2	12.3	3.3	10.8	13.4	8.0	10.3	13.3	12.3	10.3	9.7	6.8
c. Not very hard	2.3	1.5	3.1	0.0	2.7	1.7	3.0	2.1	7.7	3.3	1.7	1.8	1.0
No Response	5.4	4.2	6.6	0.0	6.0	10.8	11.6	4.1	7.0	3.8	2.6	1.3	1.6
III. Social Studies													
17-21 How often does your teacher ask you to do the following when you have a social studies class?													
17. Use maps for more than just locating places (e.g., collect evidence from maps to support your answer)													
a. Every time	14.9	14.1	15.6	20.0	18.0	9.1	17.5	13.0	23.2	18.0	13.0	10.7	8.1
b. Most of the time	35.2	36.9	33.6	46.7	33.4	33.2	33.2	36.4	30.1	34.9	38.0	38.9	30.5
c. Sometimes	34.2	34.8	33.5	30.0	32.1	41.4	28.7	35.8	28.6	33.6	36.7	36.6	45.7
d. Never or hardly ever	10.4	10.1	10.6	3.3	10.8	5.6	8.4	10.6	12.0	10.1	10.0	13.3	13.7
No Response	5.4	4.1	6.7	0.0	5.7	10.8	12.2	4.2	6.1	3.3	2.3	0.5	2.0
18. Collect information from graphs or charts to explain or justify your answers													
a. Every time	16.7	15.6	17.6	30.0	20.2	10.8	19.0	14.5	21.4	21.7	15.0	11.8	12.2
b. Most of the time	33.3	33.9	32.7	36.7	32.7	35.3	31.0	33.8	31.2	34.5	35.5	32.1	22.8
c. Sometimes	33.4	34.3	32.5	26.7	30.0	31.5	29.4	36.0	30.4	31.0	35.5	39.5	46.7
d. Never or hardly ever	11.2	11.8	10.7	6.7	11.1	11.6	8.8	11.6	10.5	9.7	11.8	16.3	16.2
No Response	5.4	4.3	6.5	0.0	6.0	10.8	11.7	4.1	6.5	3.2	2.2	0.3	2.0

Table 2. Results of Student Survey for Grade 6

Survey Questions	Total	Gender		Race					Science & Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
19. Apply the concepts and knowledge you have learned in social studies (e.g., economics, history, geography, and civics) to solve real life problems.													
a. Every time	20.0	20.1	19.8	23.3	22.1	15.5	19.4	18.9	24.6	22.1	19.1	18.5	18.8
b. Most of the time	32.8	32.9	32.8	46.7	30.3	33.6	32.6	34.3	29.5	34.9	34.5	32.4	32.5
c. Sometimes	30.1	31.2	29.1	23.3	29.4	32.3	25.5	31.0	27.8	29.6	31.6	34.2	35.5
d. Never	11.6	11.5	11.7	6.7	12.0	8.2	10.4	11.6	11.2	9.9	12.6	14.7	11.2
No Response	5.6	4.4	6.6	0.0	6.1	10.3	12.0	4.2	6.9	3.4	2.2	0.3	2.0
20. Use primary sources, such as documents, diaries, and artifacts													
a. Every time	13.7	13.7	13.7	20.0	15.2	9.9	15.1	12.8	19.6	15.1	12.7	11.3	13.2
b. Most of the time	26.7	27.4	26.1	23.3	26.1	22.0	28.6	27.1	26.2	27.6	28.0	25.8	22.3
c. Sometimes	32.8	33.7	31.9	43.3	30.3	36.2	25.7	34.9	28.0	33.4	34.5	37.7	35.0
d. Never or hardly ever	21.3	20.9	21.7	10.0	22.5	21.6	19.0	21.0	19.7	20.6	22.5	24.7	26.9
No Response	5.5	4.3	6.5	3.3	5.9	10.3	11.7	4.2	6.5	3.2	2.2	0.5	2.5
21. Explain why there are often different interpretations of the same event													
a. Every time	15.4	15.2	15.6	10.0	16.7	14.2	13.0	15.0	22.0	14.3	14.8	17.4	15.2
b. Most of the time	32.7	33.6	31.9	50.0	30.5	31.5	32.3	34.1	28.7	32.1	34.9	36.9	39.1
c. Sometimes	33.8	34.9	32.9	23.3	32.9	34.5	31.7	34.7	29.5	36.8	35.3	35.0	30.5
d. Never or hardly ever	12.2	11.7	12.6	16.7	13.5	8.6	10.9	11.7	13.0	13.1	12.4	10.1	13.2
No Response	5.9	4.6	7.0	0.0	6.4	11.2	12.0	4.5	6.8	3.8	2.6	0.6	2.0

Table 2. Results of Student Survey for Grade 6

Survey Questions	Total	Gender		Race					Science & Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
22-24 How often do you learn about the following content in your social studies class?													
22. Geography													
a. Every class	14.9	14.3	15.5	30.0	16.0	11.2	11.6	14.8	18.4	13.1	14.5	20.2	25.9
b. Most of the classes	26.5	27.3	25.8	26.7	21.3	26.7	26.2	29.6	20.4	23.0	29.3	36.3	36.5
c. Some of the classes	36.4	36.8	36.0	26.7	35.8	39.2	33.0	37.1	33.3	38.7	38.3	35.0	31.0
d. Rarely or hardly ever	16.4	17.2	15.7	16.7	20.7	12.1	16.8	14.1	20.9	21.7	15.3	8.2	4.6
No Response	5.8	4.5	6.9	0.0	6.3	10.8	12.3	4.4	7.0	3.6	2.5	0.3	2.0
23. Civics and Government													
a. Every class	10.0	9.6	10.3	0.0	11.9	7.8	8.7	9.2	16.2	10.5	9.1	8.9	7.1
b. Most of the classes	23.6	24.1	23.2	33.3	21.6	20.7	25.2	24.7	21.3	23.3	24.7	27.2	34.0
c. Some of the classes	39.0	40.3	37.8	46.7	36.8	41.8	35.4	40.6	32.9	38.3	42.4	41.5	38.6
d. Rarely or hardly ever	21.7	21.6	21.8	20.0	23.5	19.4	19.1	21.1	22.8	24.4	21.5	22.0	17.3
No Response	5.7	4.4	6.9	0.0	6.2	10.3	11.6	4.4	6.8	3.6	2.3	0.5	3.0
24. Economics													
a. Every class	11.7	11.1	12.2	3.3	13.5	6.9	10.4	11.1	16.4	12.0	11.3	9.9	9.6
b. Most of the classes	22.3	22.9	21.9	33.3	19.4	18.5	22.3	24.2	21.4	21.2	24.0	23.5	25.4
c. Some of the classes	35.0	35.8	34.2	36.7	32.6	35.8	31.7	36.7	28.8	34.9	37.3	40.9	40.1
d. Rarely or hardly ever	25.1	25.6	24.8	26.7	28.3	28.0	23.2	23.4	26.7	28.1	24.9	25.2	21.8
No Response	5.9	4.7	7.0	0.0	6.2	10.8	12.3	4.6	6.8	3.8	2.6	0.5	3.0

Table 2. Results of Student Survey for Grade 6

Survey Questions	Total	Gender		Race					Science & Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
A.I. - American Indian													
A.A. - African American													
A - Asian													
Hisp. - Hispanic													
Cau. - Caucasian													
1 - Well Below the Standard													
2 - Below the Standard													
3 - Meets the Standard													
4 - Exceeds the Standard													
5 - Distinguished													

Appendix 2. Results of Student Survey for Grade 6
Social Studies Appendix

Survey Questions	Total	Gender		Race					Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
I. Opportunity to Learn													
1. How often do you talk about what you have learned in school with someone at home?													
a. Almost every day	57.3	62.3	52.7	66.7	54.6	52.6	51.6	59.7	52.8	53.7	60.9	68.7	71.6
b. Once a week	20.3	19.1	21.3	16.7	19.3	23.7	21.0	20.6	16.4	21.3	22.0	19.7	16.8
c. Once a month	6.1	5.1	6.9	13.3	6.2	4.3	5.4	6.1	7.4	6.7	5.8	6.7	3.0
d. Never	11.4	9.5	13.1	3.3	14.6	9.1	10.6	9.7	18.3	15.4	9.5	4.6	7.1
No Response	5.0	3.9	6.0	0.0	5.2	10.3	11.4	3.9	5.0	2.8	1.9	0.3	1.5
2. Do your parents (or your guardian) encourage you to do your best in school?													
a. Yes	89.2	90.7	87.8	100.0	88.4	84.1	83.6	90.5	84.1	91.1	93.0	95.6	94.9
b. Somewhat	4.9	4.8	4.9	0.0	5.3	5.6	3.6	4.8	7.5	5.0	4.6	4.0	3.6
c. No	0.9	0.5	1.2	0.0	1.0	0.0	1.3	0.8	3.4	0.9	0.4	0.2	0.0
No Response	5.1	4.0	6.1	0.0	5.3	10.3	11.4	3.9	5.0	3.0	2.0	0.3	1.5
3. How much time do you spend on your homework each day?													
a. One hour or more	37.7	40.7	34.9	46.7	33.7	52.6	34.2	39.7	28.8	35.2	41.0	47.2	50.3
b. A half hour	54.4	53.7	55.0	50.0	57.5	36.2	50.9	53.8	56.9	58.7	55.3	51.3	46.2
c. I don't have homework	1.4	0.9	1.9	0.0	1.7	0.4	1.2	1.4	4.6	1.4	0.8	0.8	1.5
d. I don't do my homework	1.3	0.6	1.8	3.3	1.7	0.4	2.2	0.9	4.0	1.5	0.7	0.2	0.5
No Response	5.3	4.1	6.4	0.0	5.5	10.3	11.6	4.2	5.6	3.1	2.1	0.6	1.5
4. How much television do you watch each weekday?													
a. Two hours or more	50.6	47.9	53.1	43.3	62.7	36.6	50.9	44.2	55.8	58.1	51.0	38.8	27.9

Appendix 2. Results of Student Survey for Grade 6
Social Studies Appendix

Survey Questions	Total	Gender		Race					Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
b. About one hour	26.9	29.0	25.0	30.0	17.6	32.8	22.9	32.6	17.8	21.8	31.0	36.9	38.6
c. About a half hour	12.4	13.5	11.3	10.0	9.6	12.9	11.7	14.0	15.1	11.9	11.7	16.6	19.3
d. None	4.9	5.6	4.3	16.7	4.7	7.3	3.0	5.1	5.9	5.0	4.3	7.2	12.2
No Response	5.2	4.1	6.3	0.0	5.5	10.3	11.4	4.1	5.4	3.3	2.0	0.5	2.0
5. Do you have a computer at home that you can use?													
a. Yes	78.6	79.7	77.6	90.0	70.5	84.5	57.7	85.7	65.8	74.1	84.9	95.3	95.4
b. No	16.2	16.2	16.1	10.0	23.9	5.2	30.9	10.3	28.6	22.9	13.0	4.3	3.0
No Response	5.2	4.1	6.3	0.0	5.6	10.3	11.4	4.0	5.6	3.0	2.1	0.5	1.5
If you answer "No" to question 5, you may skip question 6. If you answer "Yes" to question 5, please answer the next question:													
6. How often do you use the computer at home for learning?													
a. Almost every day	17.6	20.1	15.3	16.7	17.9	20.3	13.5	17.8	21.1	18.1	17.5	16.2	19.3
b. Once or twice a week	29.8	32.3	27.6	40.0	24.9	40.5	25.4	32.8	20.0	26.0	33.3	41.7	43.1
c. Once or twice a month	20.1	18.8	21.4	23.3	17.2	17.2	11.3	23.1	12.2	17.1	22.7	30.7	28.9
d. Never	16.4	13.1	19.5	20.0	18.5	6.5	18.0	15.4	27.8	20.8	14.3	7.3	4.6
No Response	16.0	15.8	16.2	0.0	21.5	15.5	31.9	10.9	18.9	18.0	12.2	4.1	4.1
7. Does your school have computers that you can use?													
a. Yes	89.8	91.4	88.4	90.0	89.3	83.2	82.9	91.4	86.2	92.0	93.7	93.6	92.9
b. No	4.8	4.4	5.1	10.0	4.9	6.5	5.5	4.5	8.2	4.5	4.2	5.6	5.1
No Response	5.4	4.2	6.5	0.0	5.9	10.3	11.6	4.2	5.6	3.5	2.1	0.8	2.0

Appendix 2. Results of Student Survey for Grade 6
Social Studies Appendix

Survey Questions	Total	Gender		Race					Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
If you answer "No" to question 7, you may skip question 8. If you answer "Yes" to question 7, please answer the next question:													
8. How often do you use the computer in school for learning?													
a. Almost every day	12.1	11.5	12.7	6.7	13.2	8.6	13.3	11.5	19.8	12.6	10.9	9.3	14.2
b. Once or twice a week	27.7	28.5	27.1	20.0	29.8	26.7	25.7	26.9	28.8	30.5	27.6	28.7	24.9
c. Once or twice a month	25.3	27.1	23.7	46.7	21.0	27.6	19.4	28.4	16.0	23.0	28.4	31.6	40.1
d. Never	26.8	26.1	27.4	26.7	28.1	21.6	26.8	26.2	26.9	28.5	27.9	26.0	15.2
No Response	8.1	6.8	9.2	0.0	8.0	15.5	14.8	7.0	8.4	5.4	5.1	4.4	5.6
9. How important is it to you to do well in school?													
a. Very important	82.8	87.2	78.8	90.0	84.2	80.6	75.9	82.9	76.7	84.8	86.3	90.2	89.8
b. Somewhat important	8.2	6.6	9.7	6.7	6.6	6.0	7.8	9.3	8.4	8.2	8.7	7.6	5.6
c. Not sure	2.8	1.7	3.8	0.0	2.7	2.2	3.2	2.9	7.1	2.9	2.1	1.1	2.0
d. Not important	0.9	0.3	1.4	0.0	1.0	0.9	1.4	0.8	2.4	1.0	0.6	0.2	1.0
No Response	5.3	4.2	6.3	3.3	5.5	10.3	11.6	4.2	5.4	3.2	2.2	0.9	1.5

A.I. - American Indian
A.A. - African American
A - Asian
Hisp. - Hispanic
Cau. - Caucasian

1 - Well Below the Standard

Appendix 2. Results of Student Survey for Grade 6
Social Studies Appendix

Survey Questions	Total	Gender		Race					Social Studies Proficiency Level				
		Female	Male	A. I.	A. A.	A.	Hisp.	Cau.	1	2	3	4	5
2 - Below the Standard													
3 - Meets the Standard													
4 - Exceeds the Standard													
5 - Distinguished													

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